

# Report : Lazing Snapping Using Kmeans

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









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## 1 Introduction:

In this report, i am comparing the result of lazy snapping by using sklearn kmeans vs my own implementation of kmeans algorithm , the code for the experiment is provided in jupyter notebook

## 2 Results:

Table 1: Comparison of Implementation Methods with Compute Time

Image	Implementation Method	Compute Time
2*   	scikit-learn	5.77205 seconds
	Own Method	6.96025 seconds
2*   	scikit-learn	6.85608 seconds
	Own Method	7.775995 seconds
2*   	scikit-learn	5.98491 seconds
	Own Method	8.3750 seconds
2*   	scikit-learn	6.8988 seconds
	Own Method	7.2132 seconds
2*   	scikit-learn	8.434 seconds
	Own Method	9.299 seconds